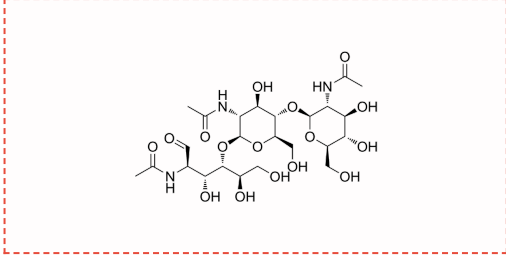


N,N',N''-Triacetylchitotriose

Cat. No.: SN-M-LE072

Chemical Properties		Structure
Product Name	N,N',N''-Triacetylchitotriose	
Full Name	N-[(2S,3R,4R,5S,6R)-2-[(2R,3S,4R,5R,6S)-5-acetamido-6-[(2R,3S,4R,5R)-5-acetamido-1,2,4-trihydroxy-6-oxohexan-3-yl]oxy-4-hydroxy-2-(hydroxymethyl)oxan-3-yl]oxy-4,5-dihydroxy-6-(hydroxymethyl)oxan-3-yl]acetamide	
Cat. No.	SN-M-LE072	
CAS No.	38864-21-0	
Molecular Formula	C ₂₄ H ₄₁ N ₃ O ₁₆	
Molecular Weight	627.59	
Appearance	固体	
Storage	Powder -20°C 3 years	
Shipping	Room temperature in continental US; may vary elsewhere.	
Solubility	细胞实验： H ₂ O 中的溶解度：5 mg/mL (7.97 mM; 超声助溶) DMSO 中的溶解度：2 mg/mL (3.19 mM; 超声助溶 (<60°C); 吸湿的 DMSO 对产品的溶解度有显著影响，请使用新开封的 DMSO)	
Purity	98+%	

Biological Description

N,N',N''-Triacetylchitotriose 是一种竞争性的溶菌酶 (Lysozyme) 抑制剂。N,N',N''-Triacetylchitotriose 可抑制溶菌酶的活性。N,N',N''-Triacetylchitotriose 可降低偶联溶菌酶的脂质体与红细胞血影之间的融合速率，并降低平衡融合率。

Related Products / Keywords

- N
- N'
- N''-Triacetylchitotriose38864-21-0N
- N'
- N''-三乙酰壳三糖BacterialLiposomalLysozyme enzymatic activityLysozymehuman white erythrocyte ghostsLysozyme-conjugated liposomesLysozyme-covalently bound liposomesSaccharide binding/active siteerythrocyte ghostsInhibitorinhibitorinhibit

This product is a research reagent and must not be used for clinical validation or human therapeutic use.